

FIG. 1

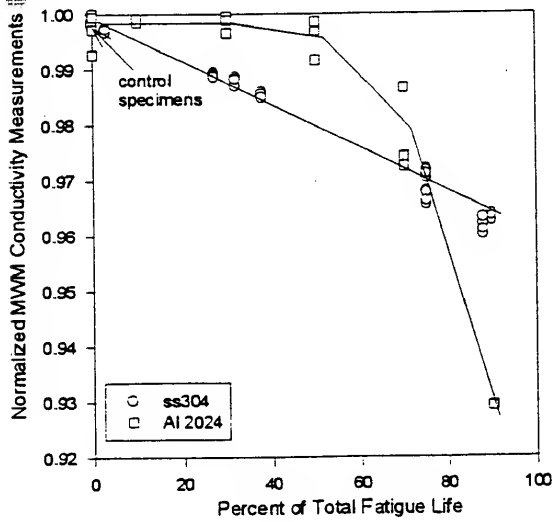


FIG. 2

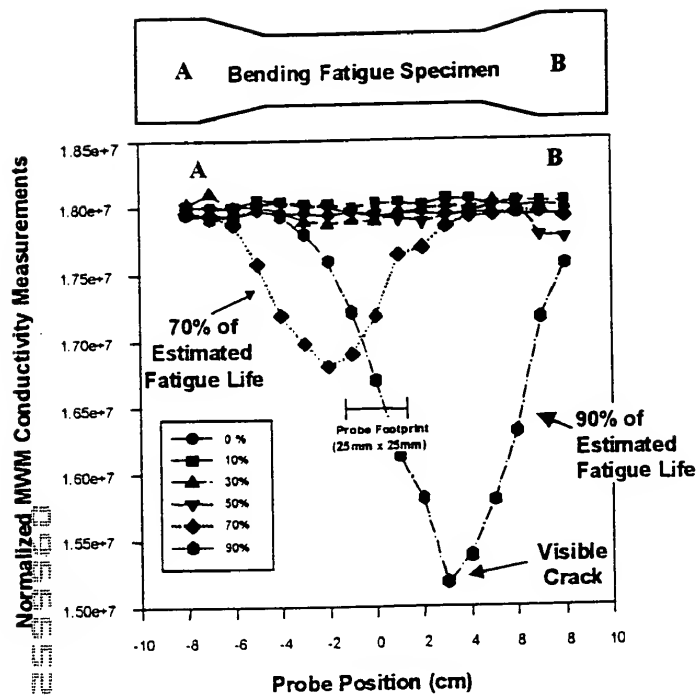


FIG. 3

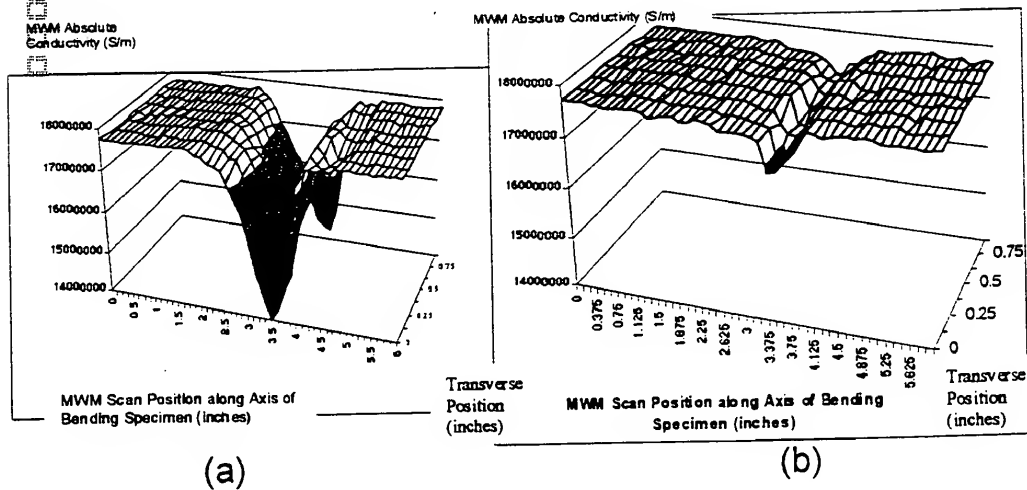
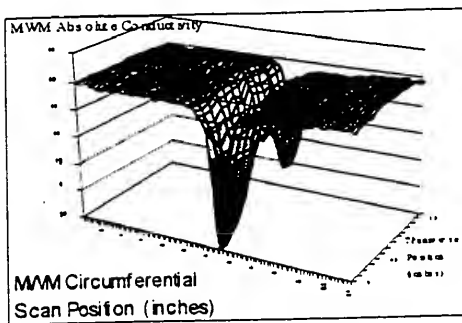
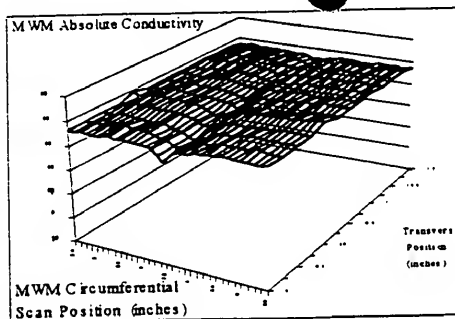


FIG. 4



(a)



(b)

FIG. 5

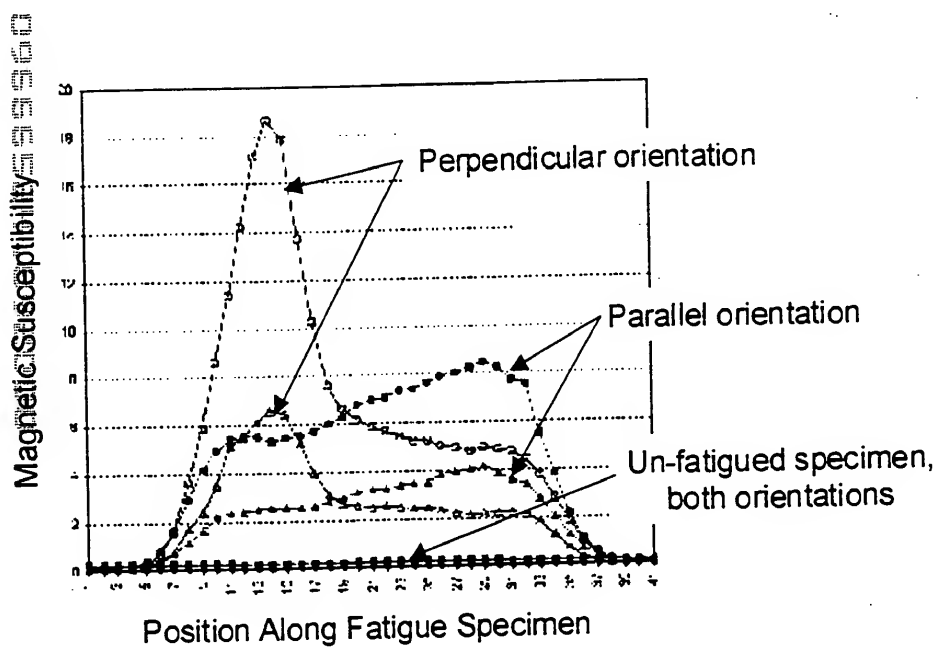
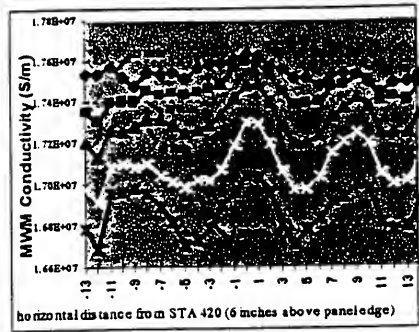
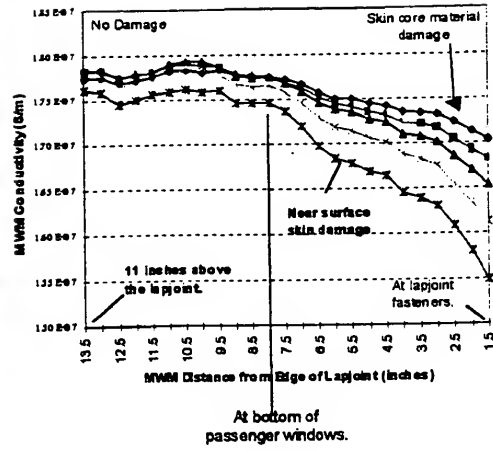


FIG. 6



(a)



(b)

FIG. 7

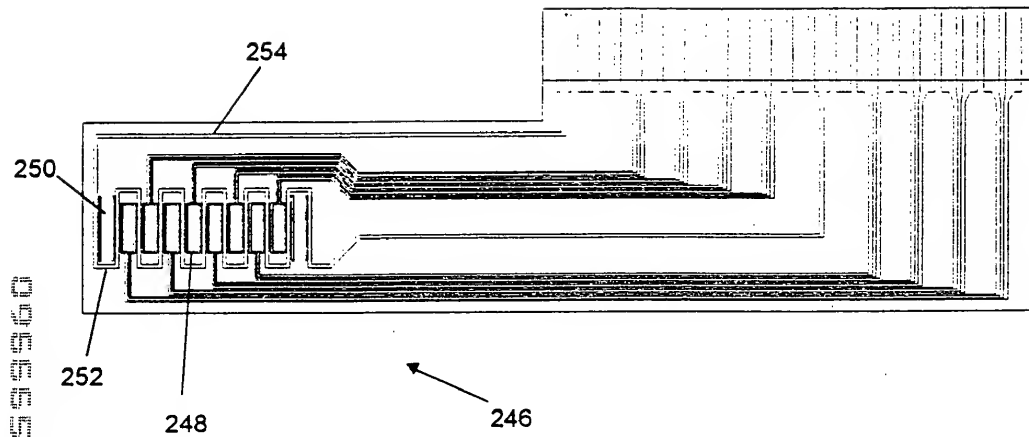


FIG. 8(a)

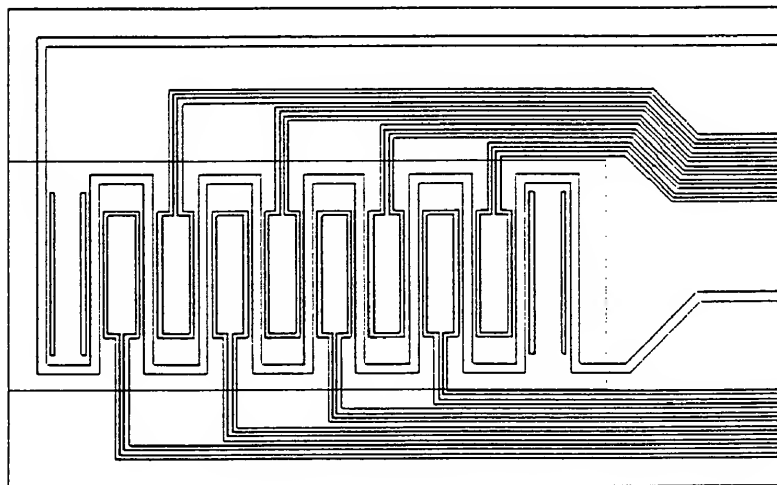


FIG. 8(b)

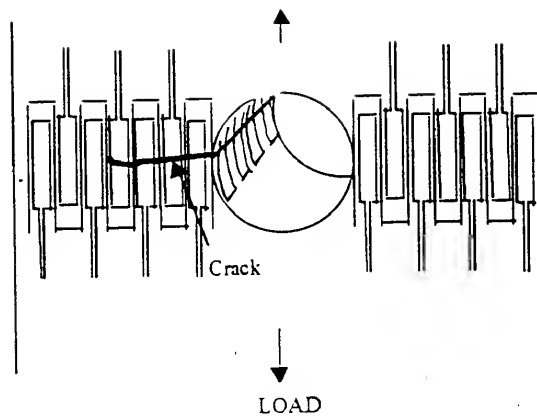


FIG. 9

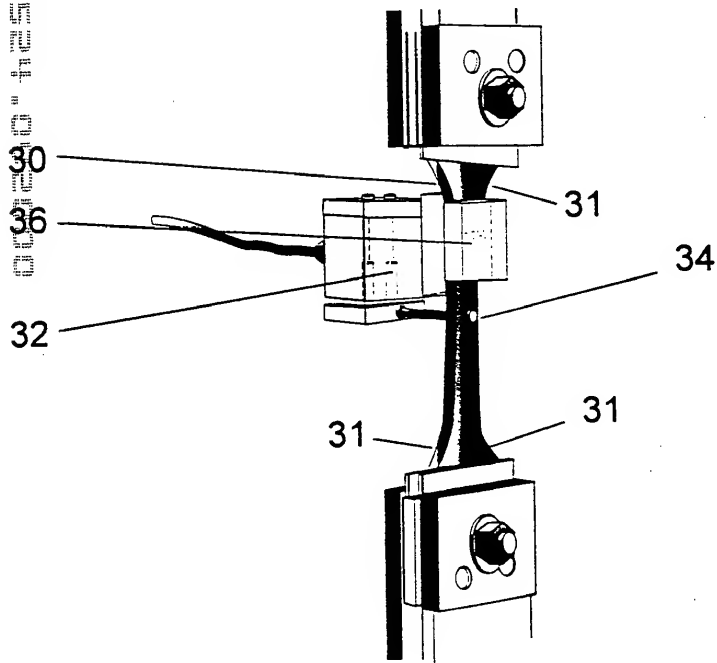
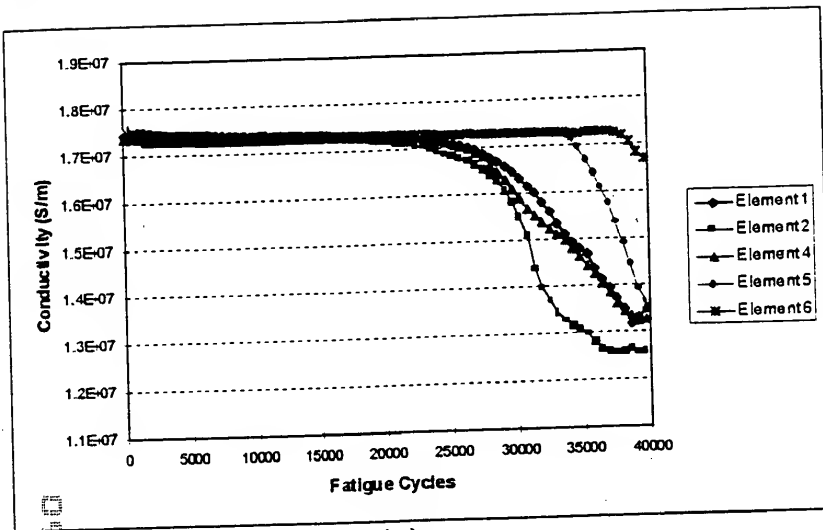
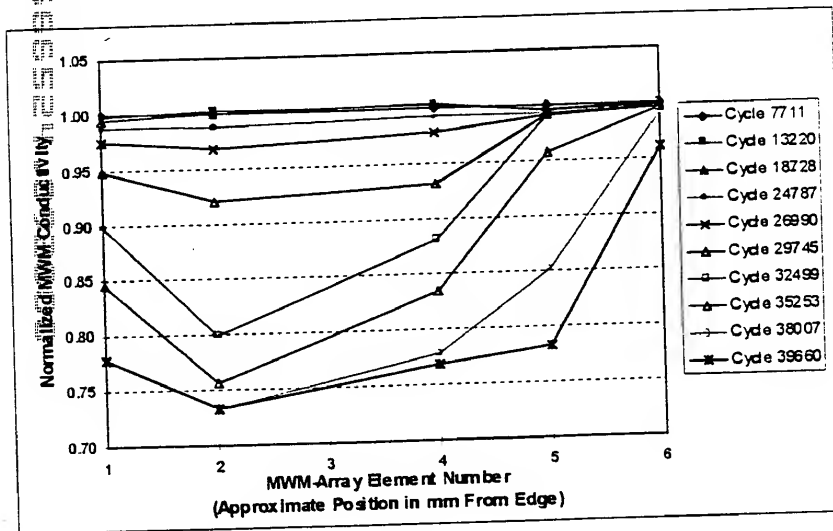


FIG. 10

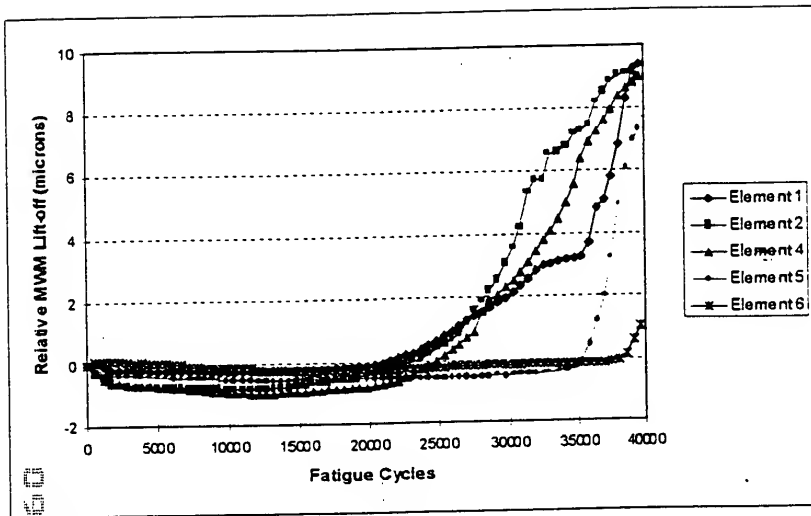


(a)

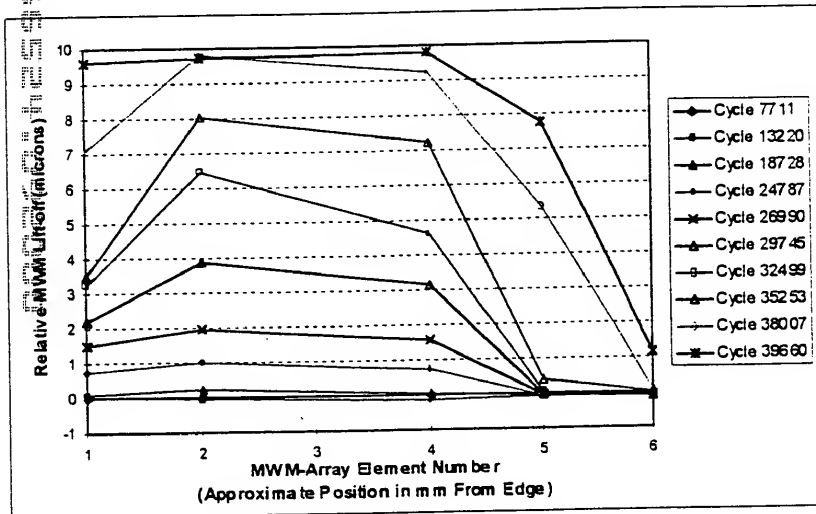


(b)

FIG. 11

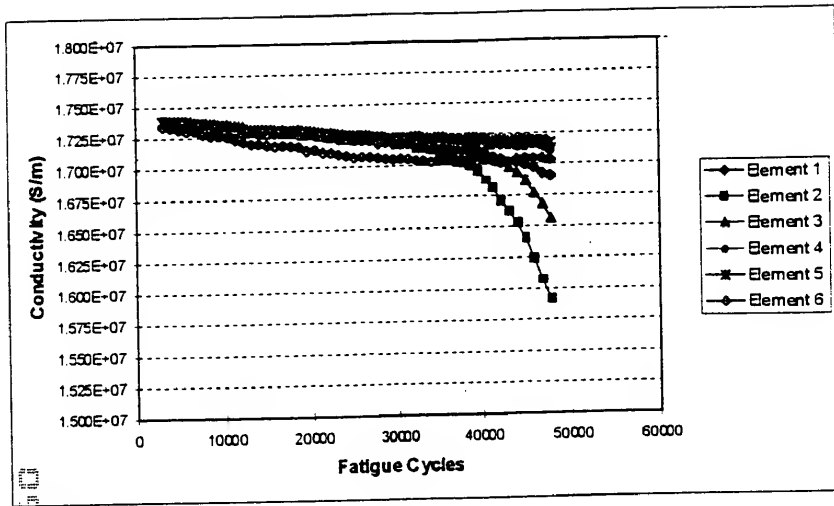


(a)

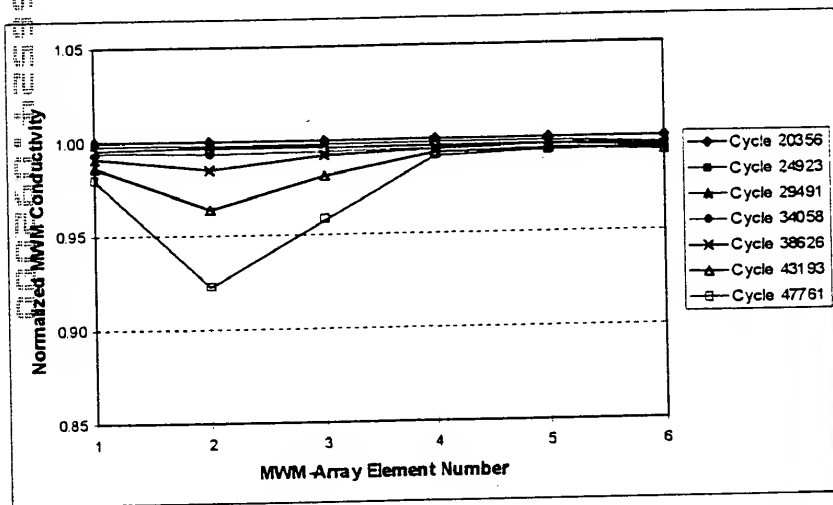


(b)

FIG. 12



(a)

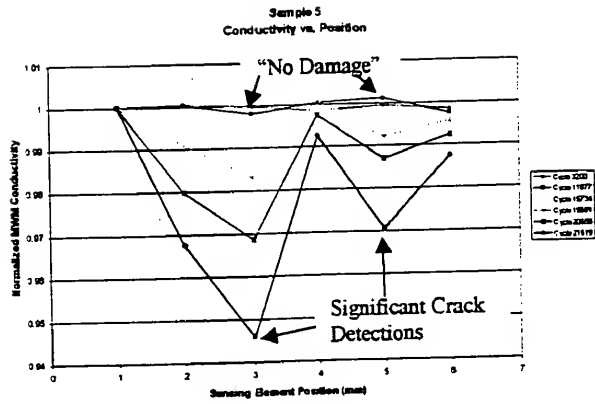


(b)

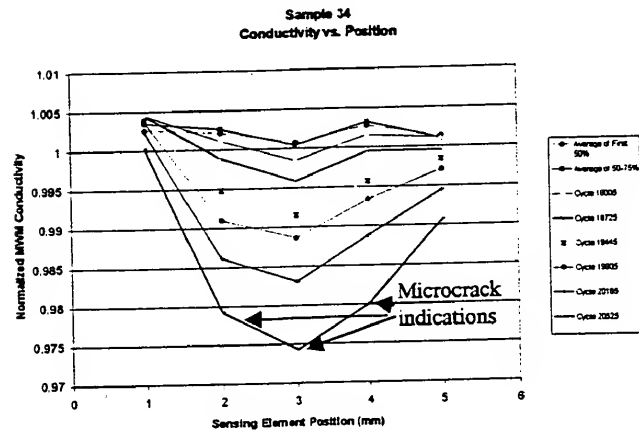
FIG. 13

000260" 14539360

(a)



(b)



(c)

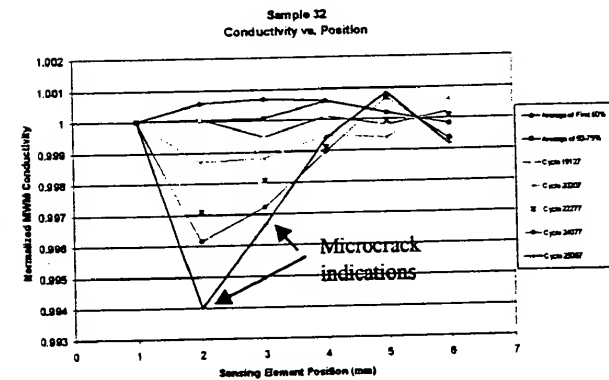


FIG. 15

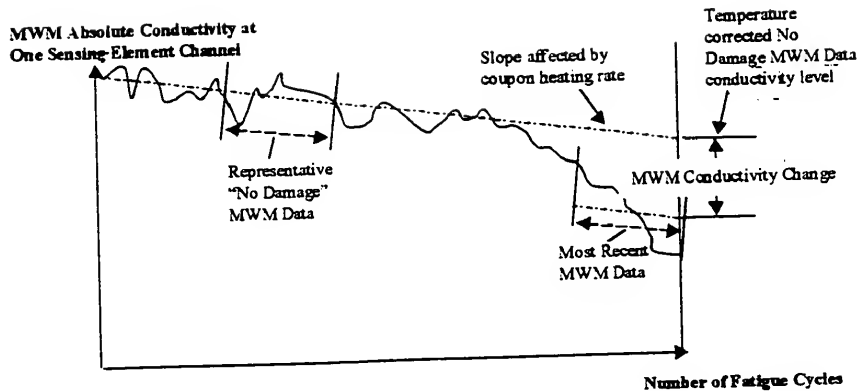


FIG. 16

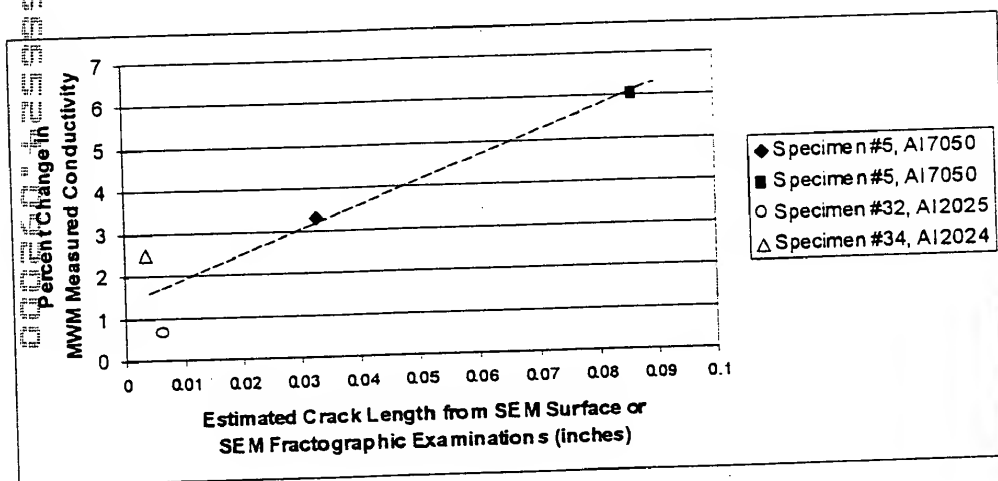


FIG. 17

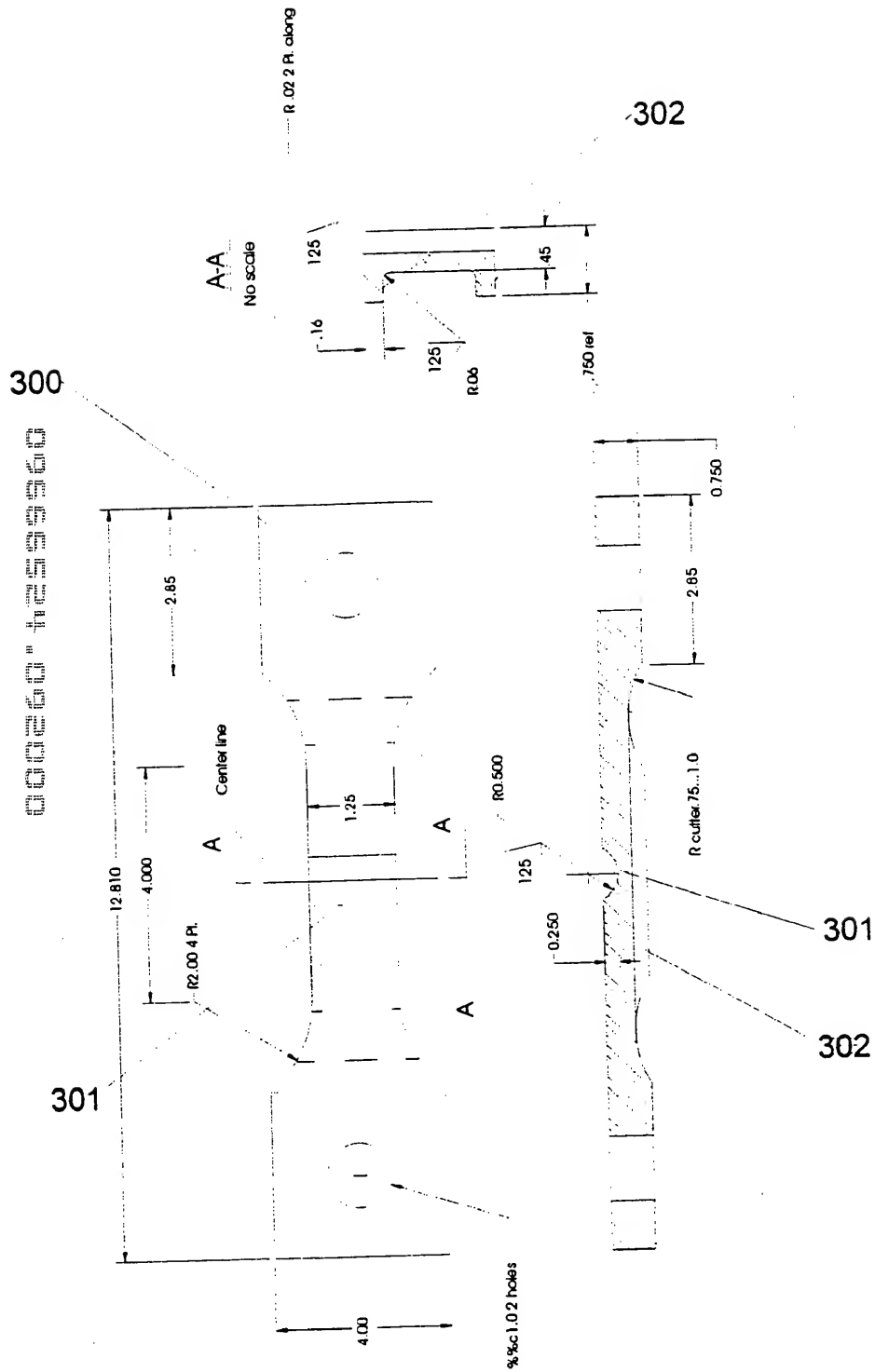


FIG. 18

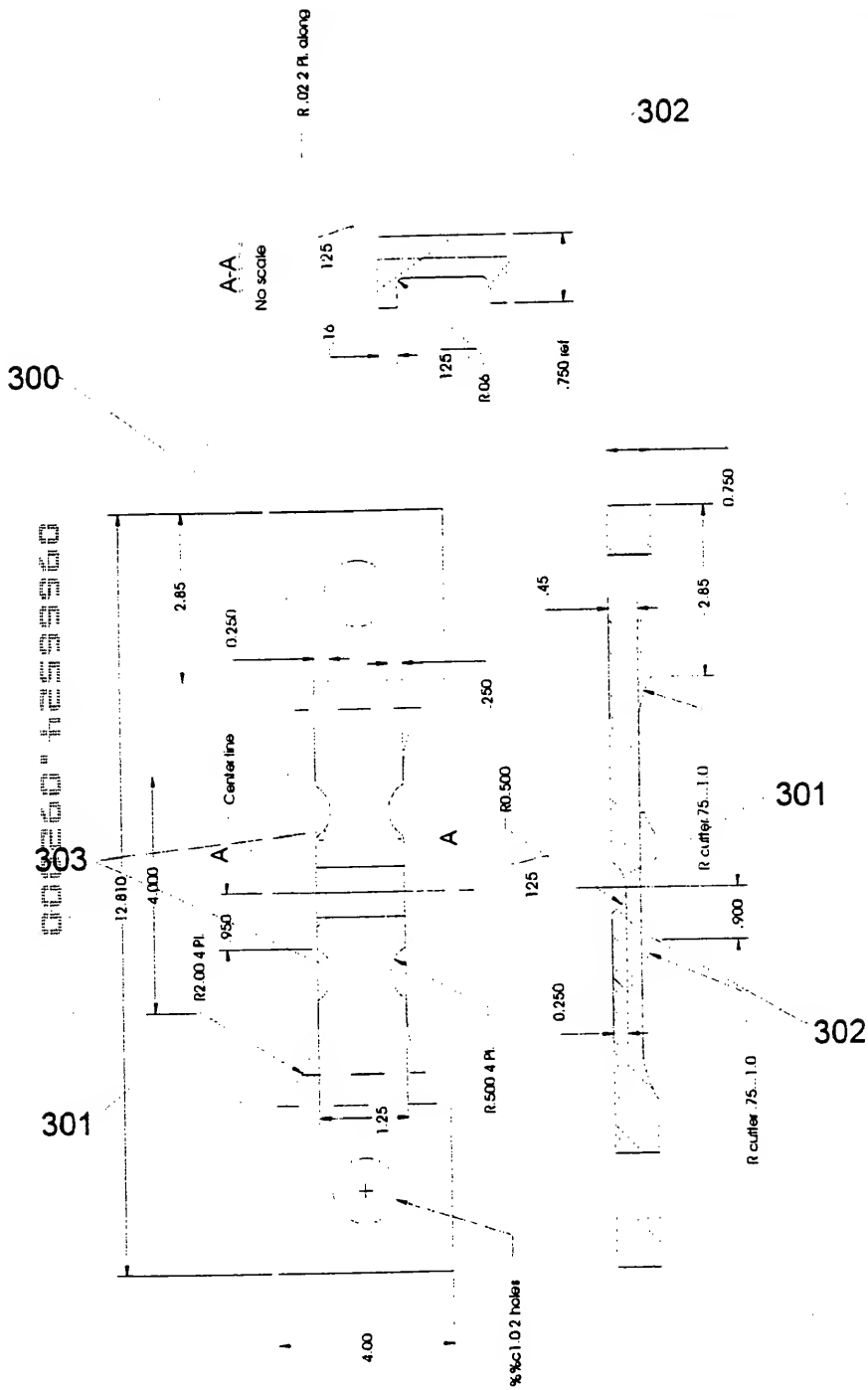


FIG. 20

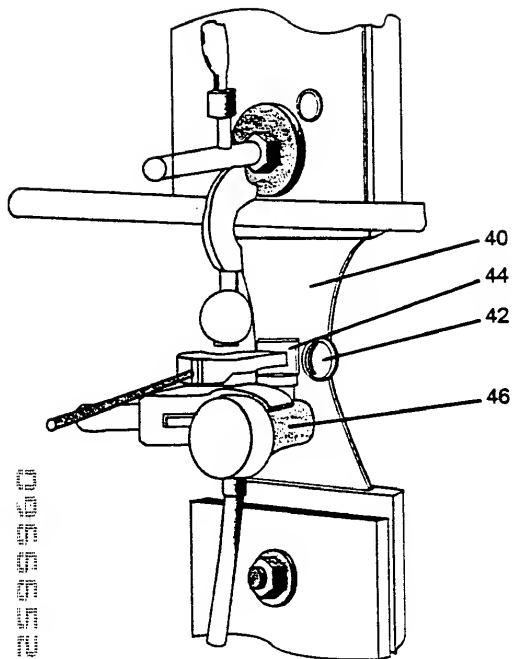


FIG. 21(a)

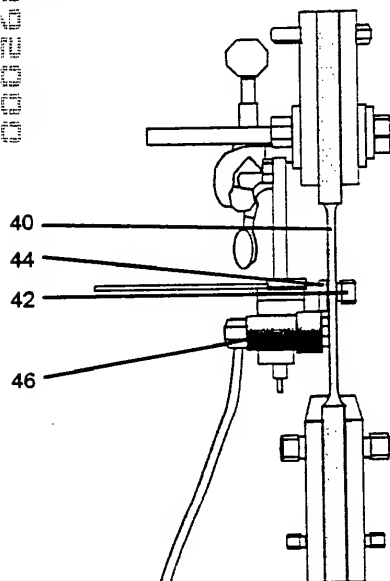


FIG. 21(b)

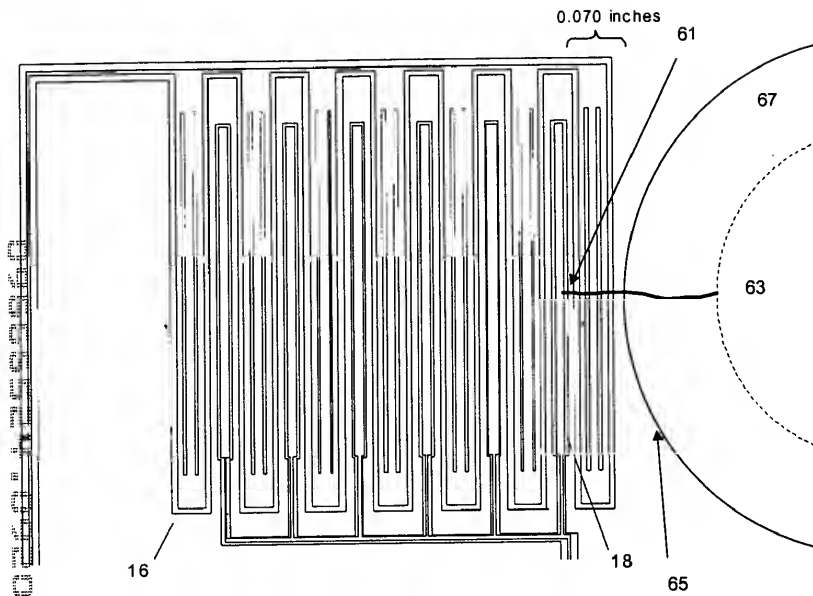


FIG. 22

000260 12599960

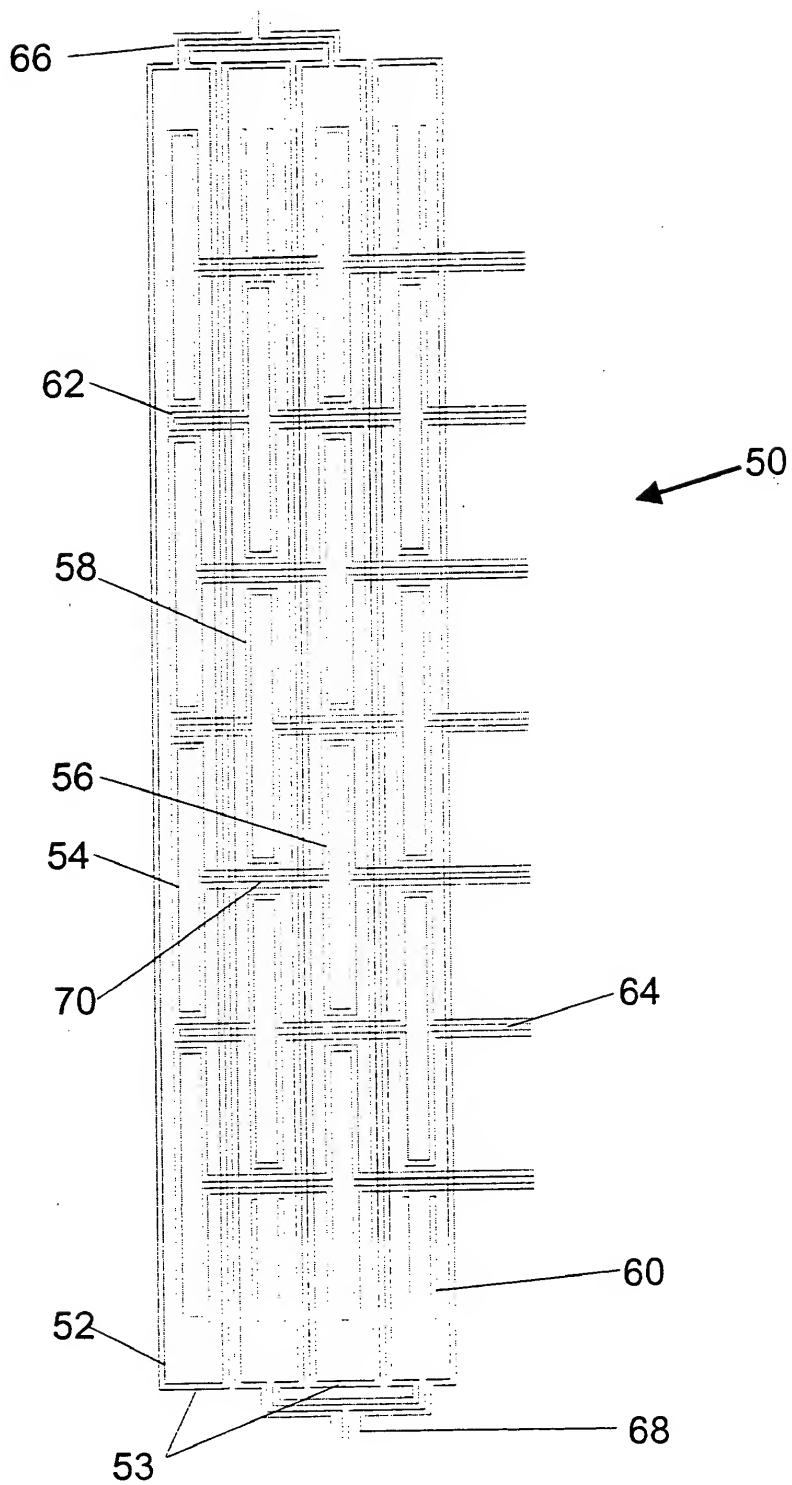
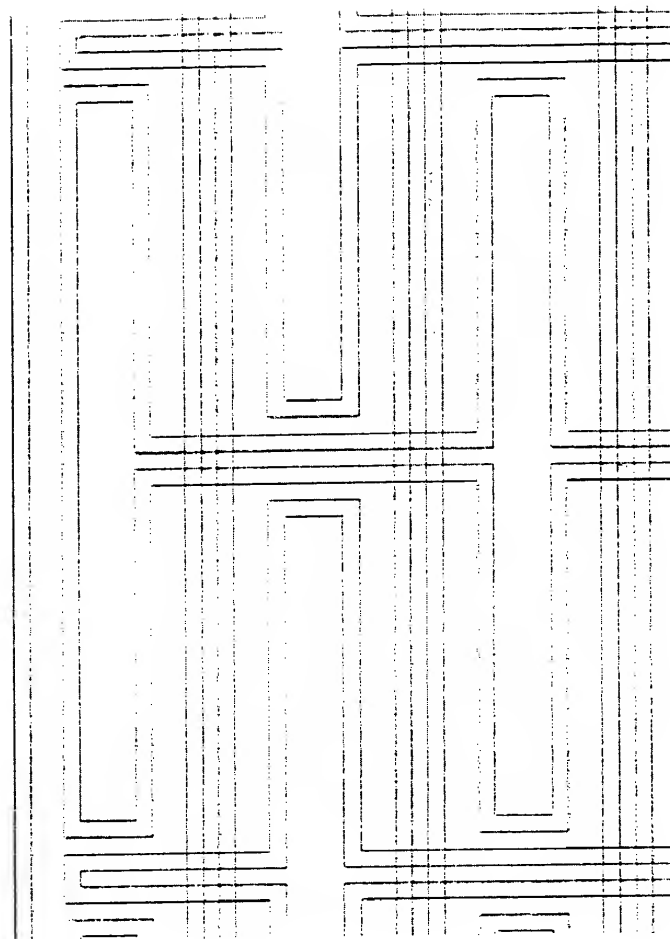


FIG. 23(a)

000260* 12553560

FIG. 23(b)



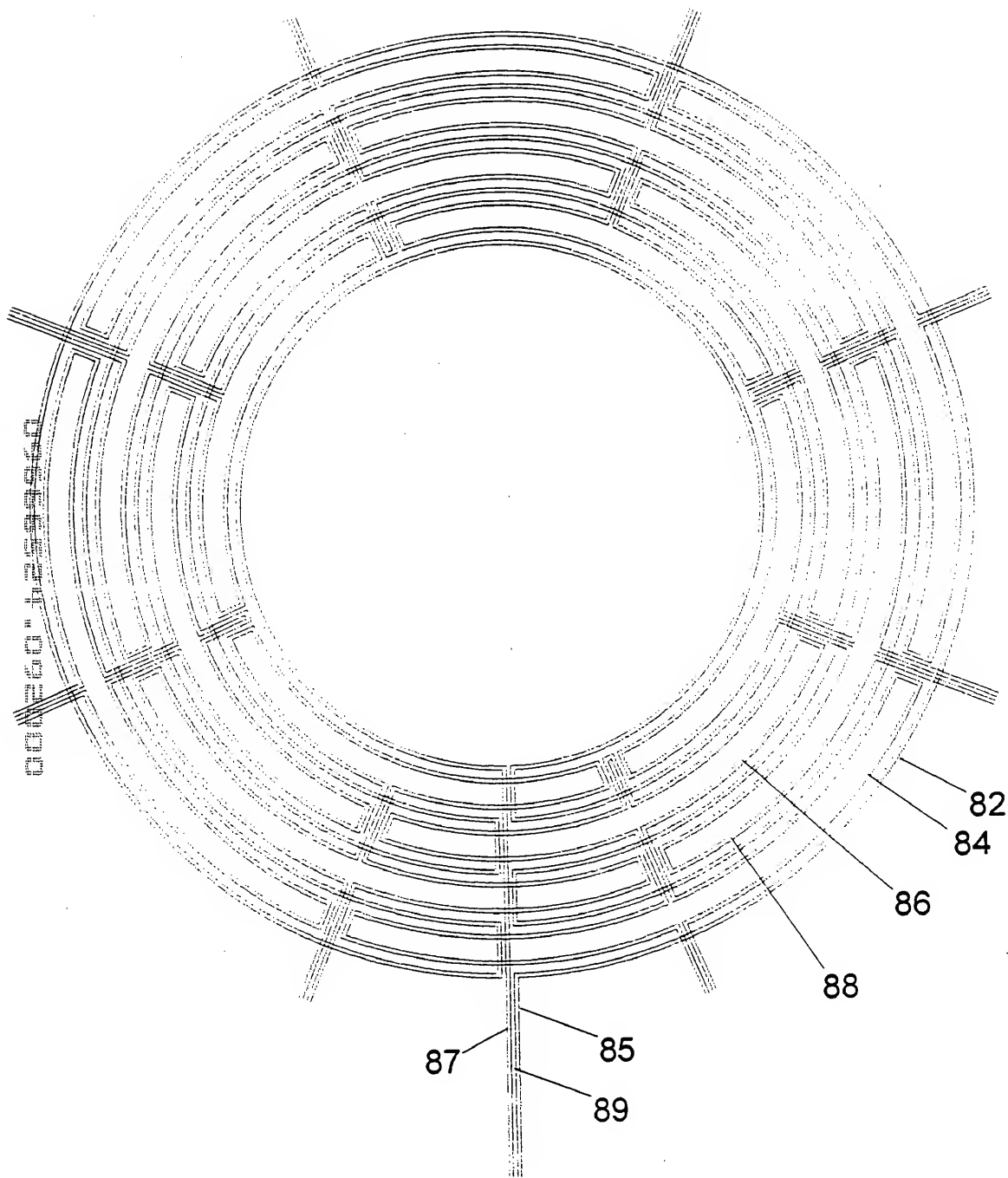


FIG. 24(a)

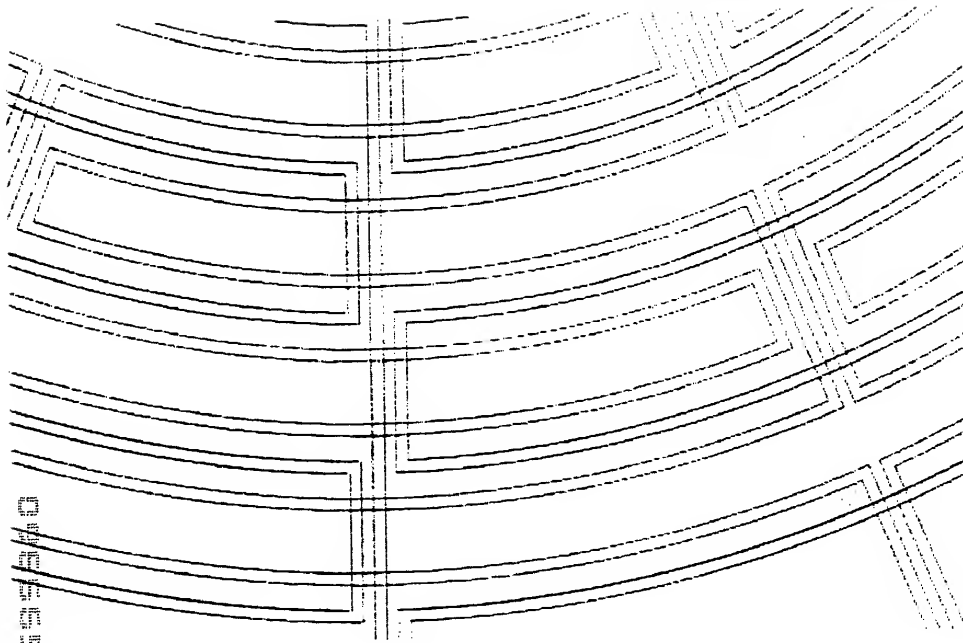


FIG. 24(b)

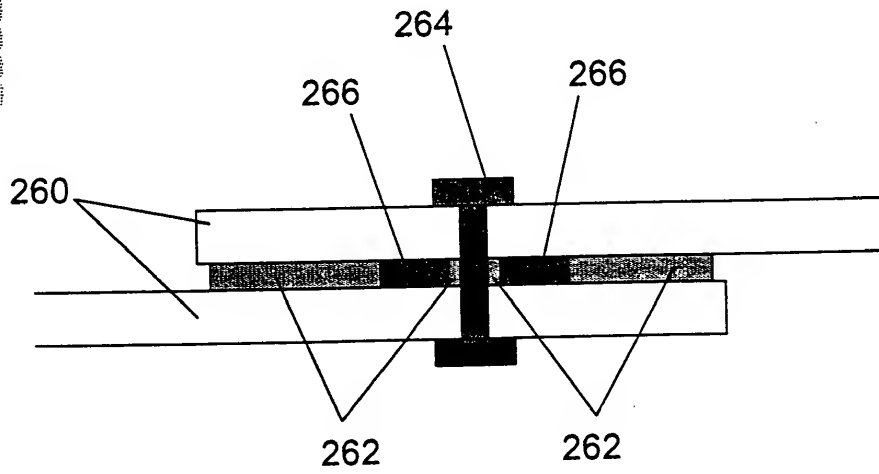


FIG. 25

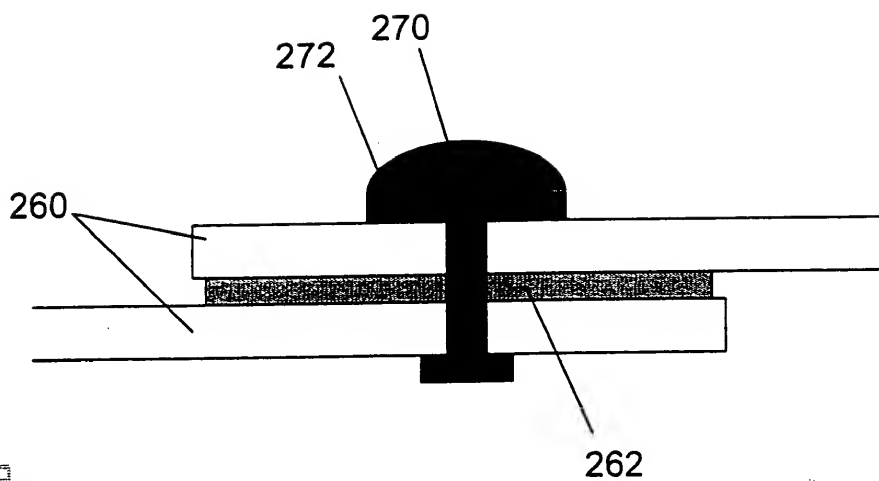


FIG. 26

000260-125991-00

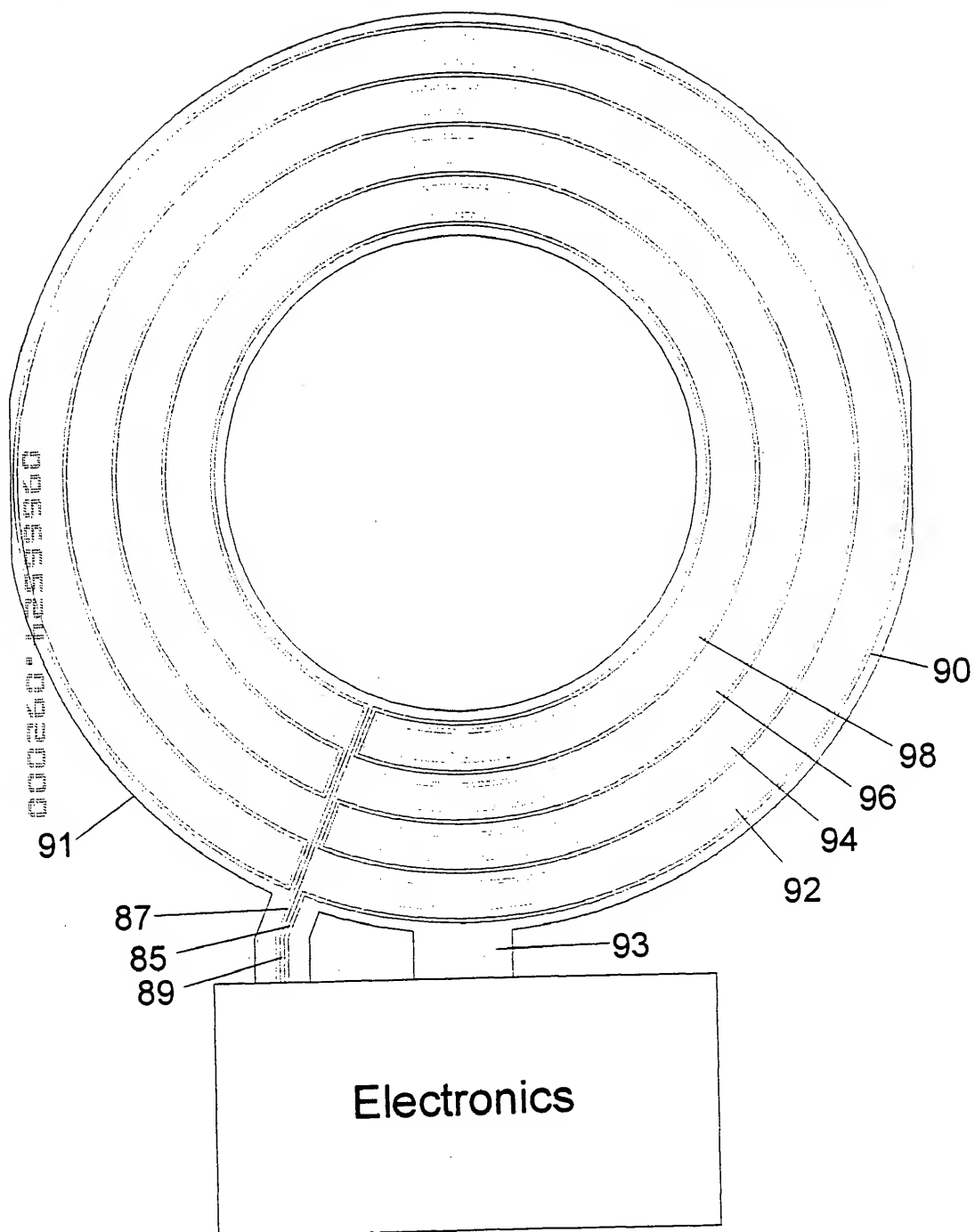
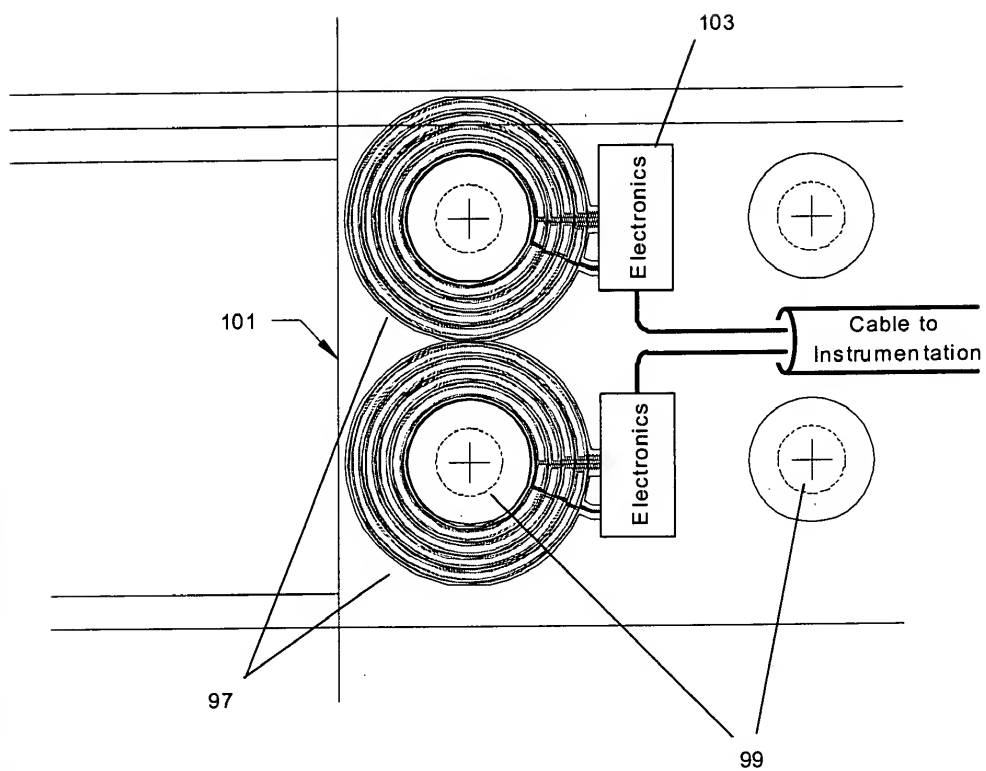


FIG. 27(a)

FIG. 28



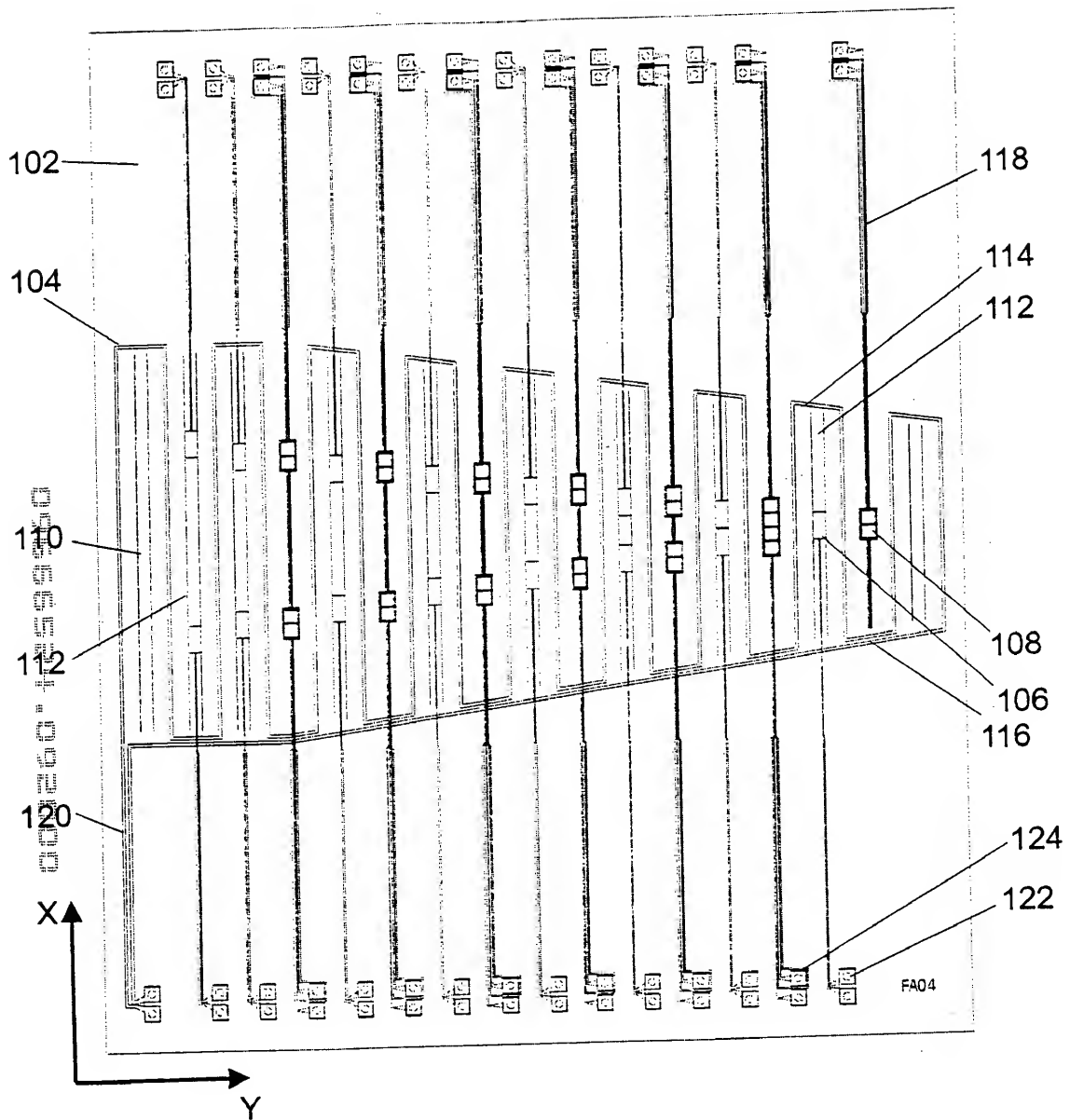
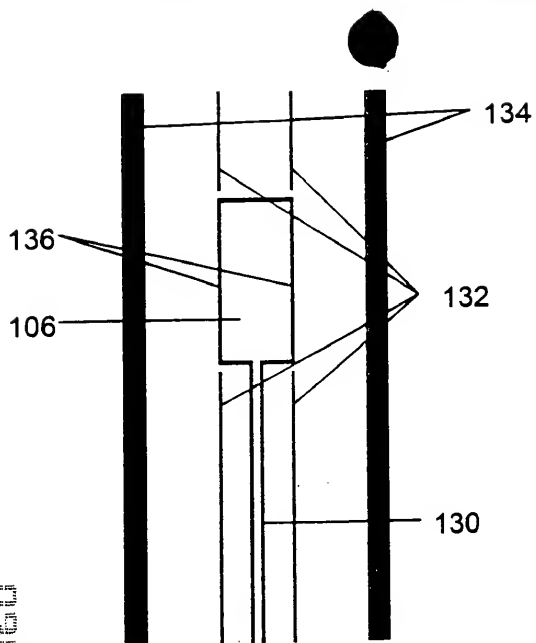


FIG. 30



096
534 092060
00260" 1259 960

FIG. 31

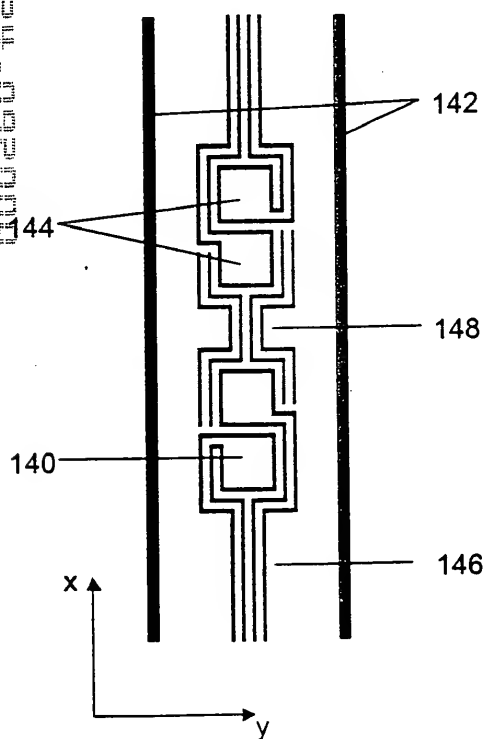


FIG. 32

000200 12599960

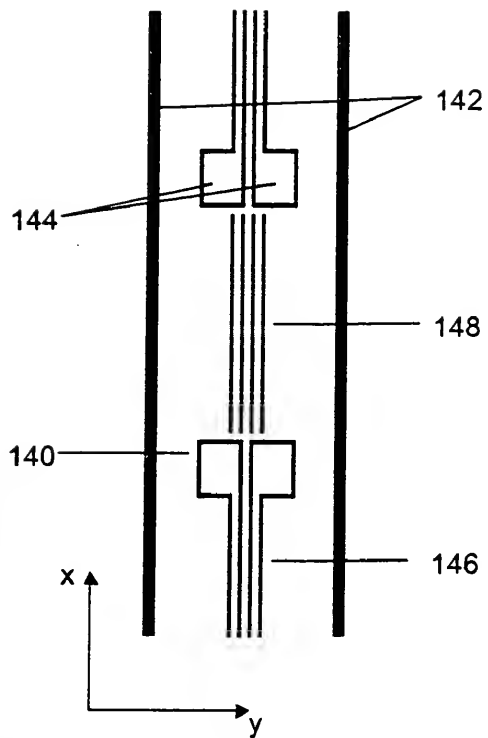


FIG. 33

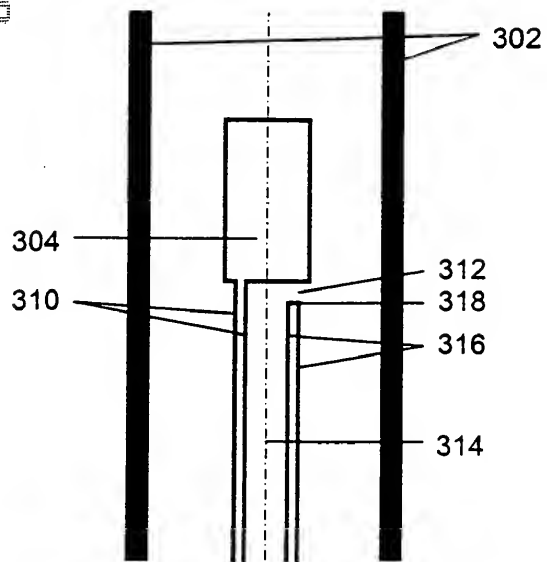


FIG 34.

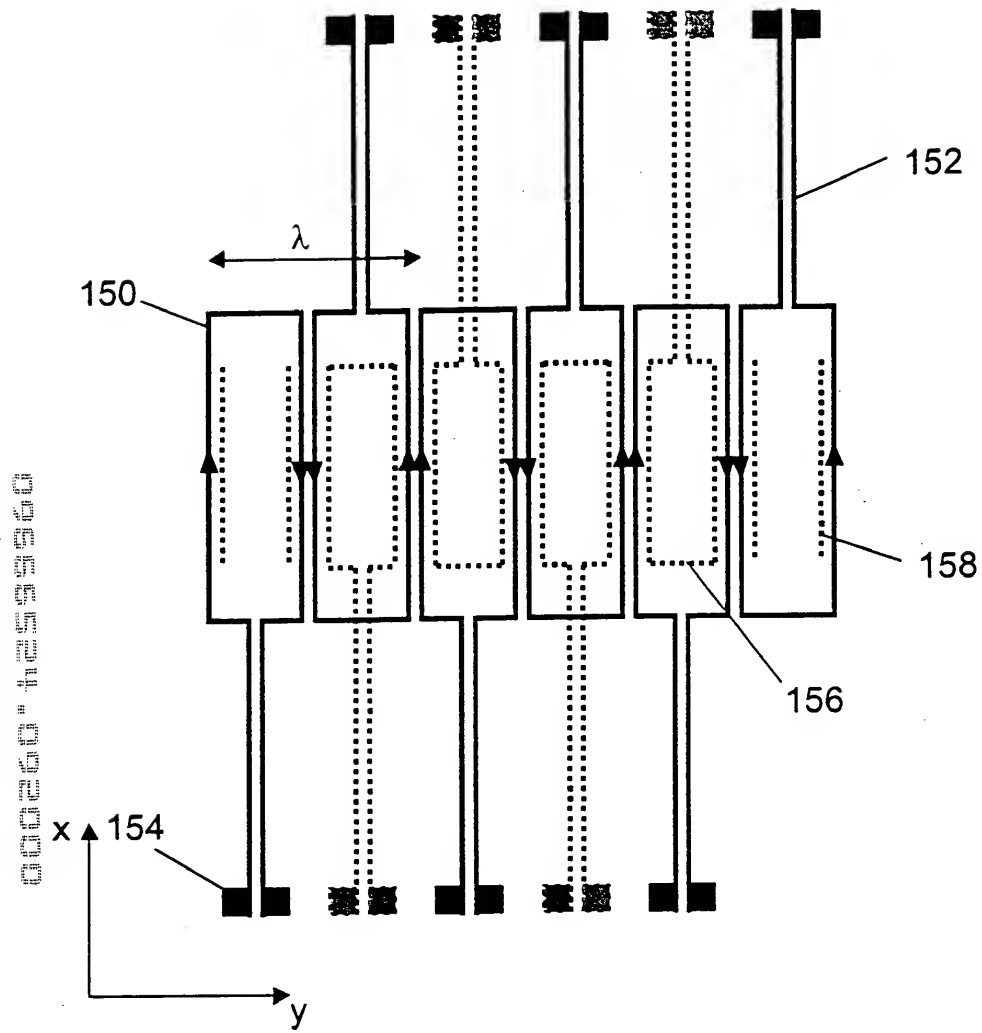


FIG. 35

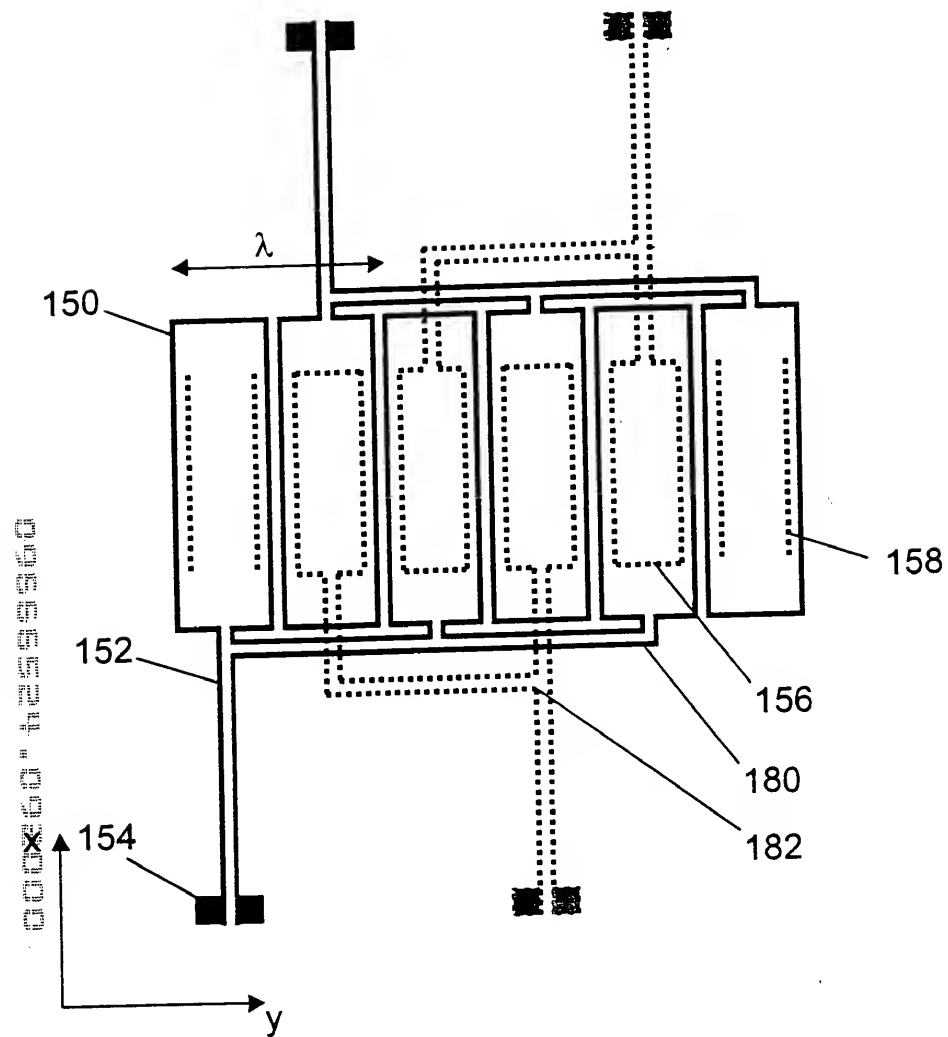


FIG. 37

FIG. 38(a)

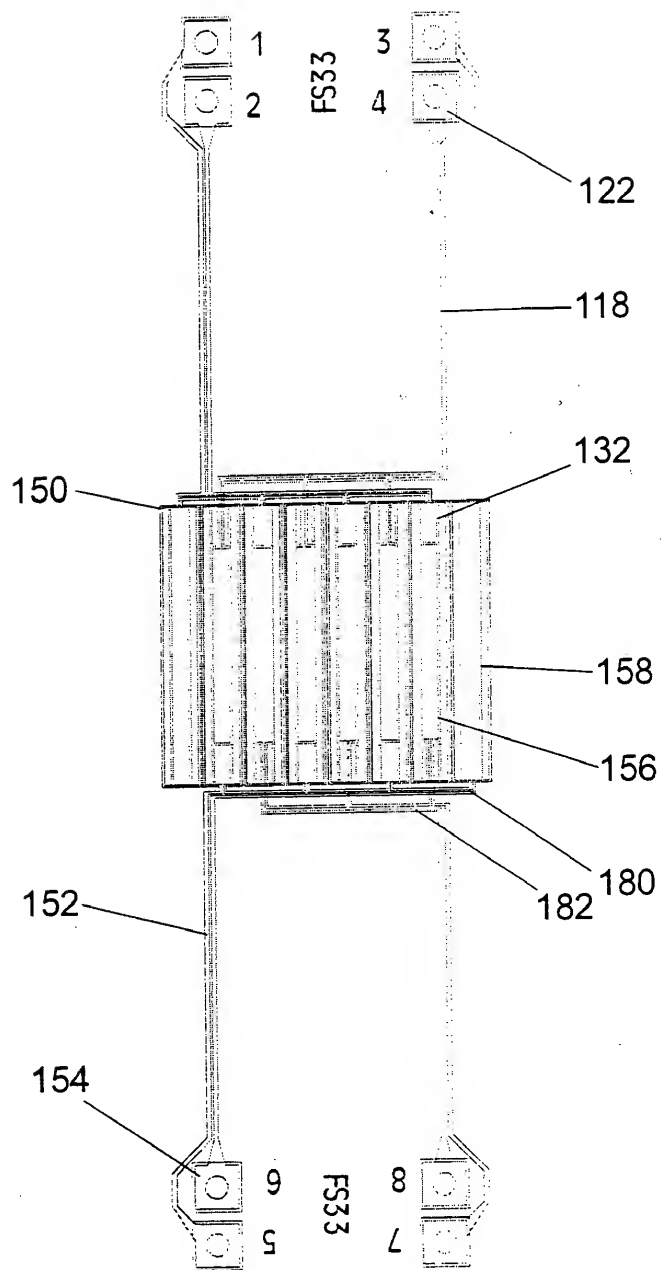
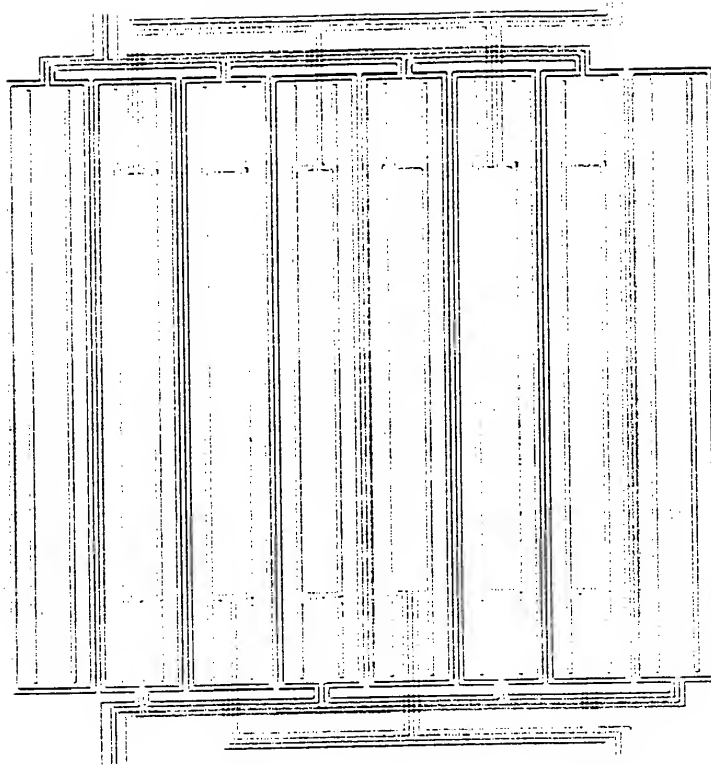


FIG. 38(b)



000260 1239960

230

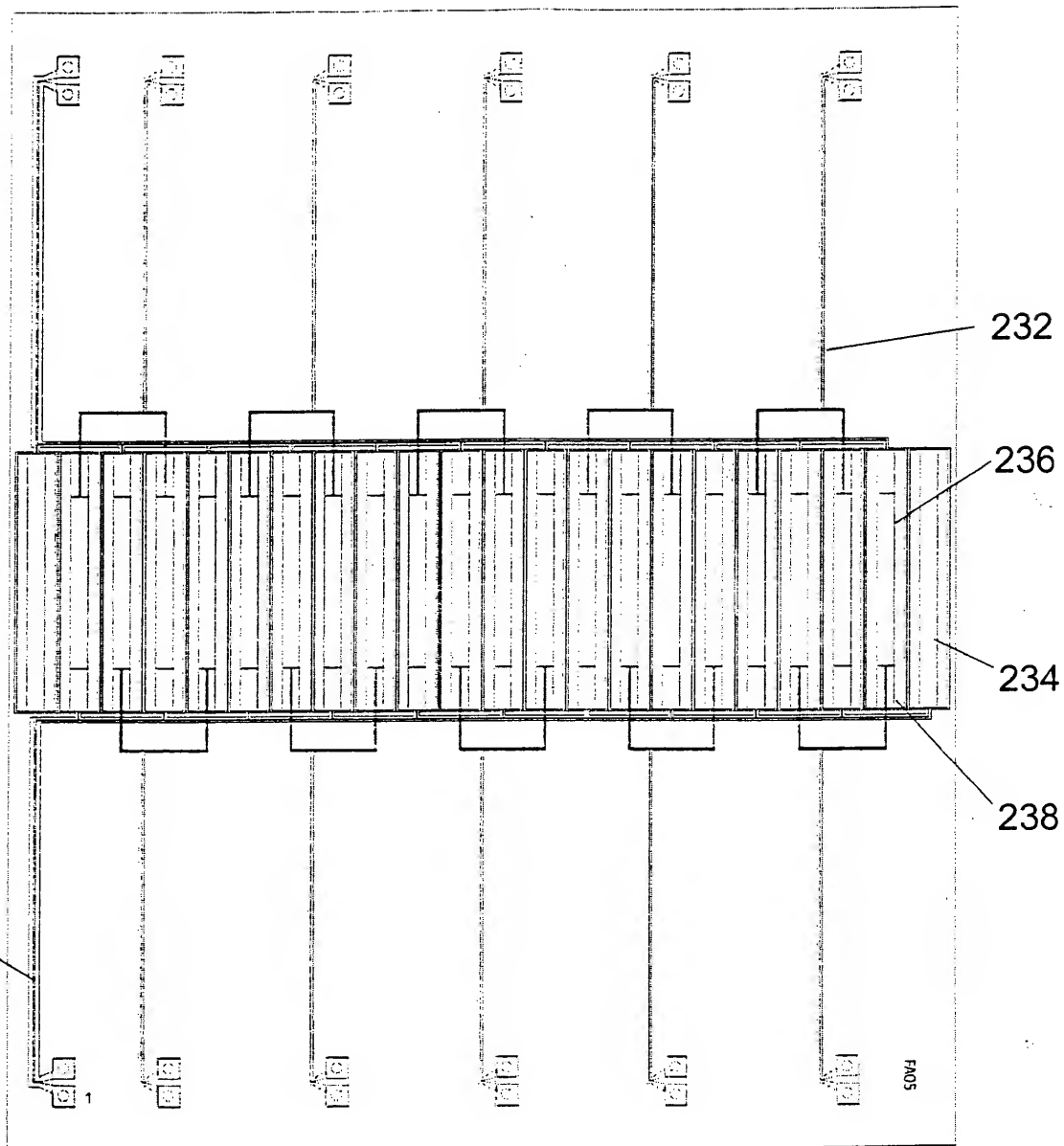


FIG. 39

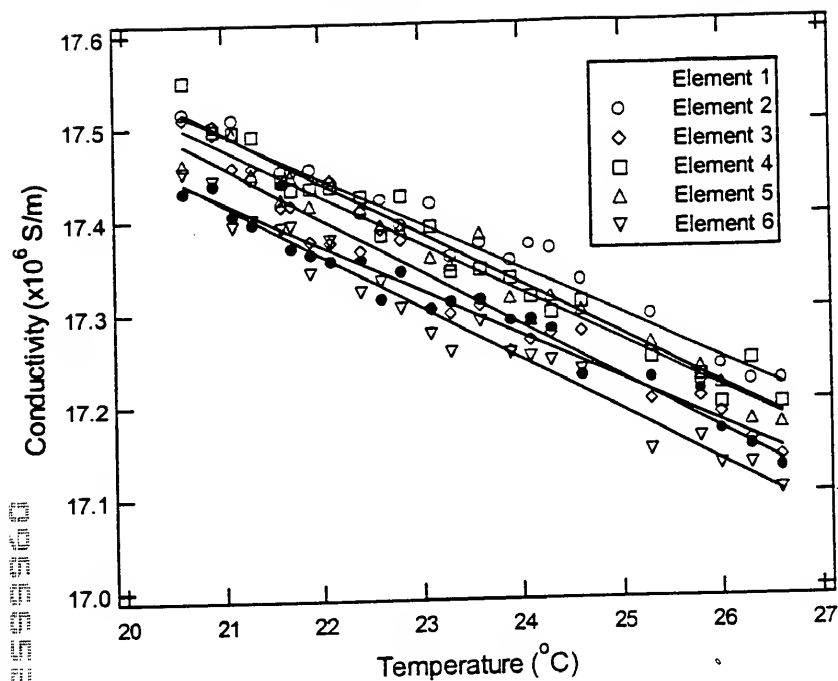
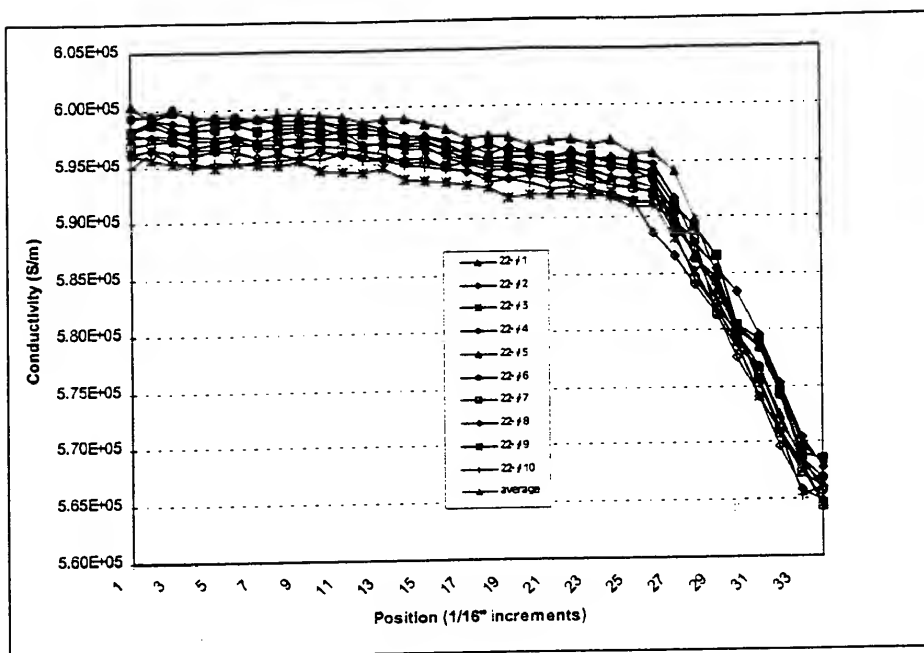


FIG. 41

000260" 12399560

(a)



(b)

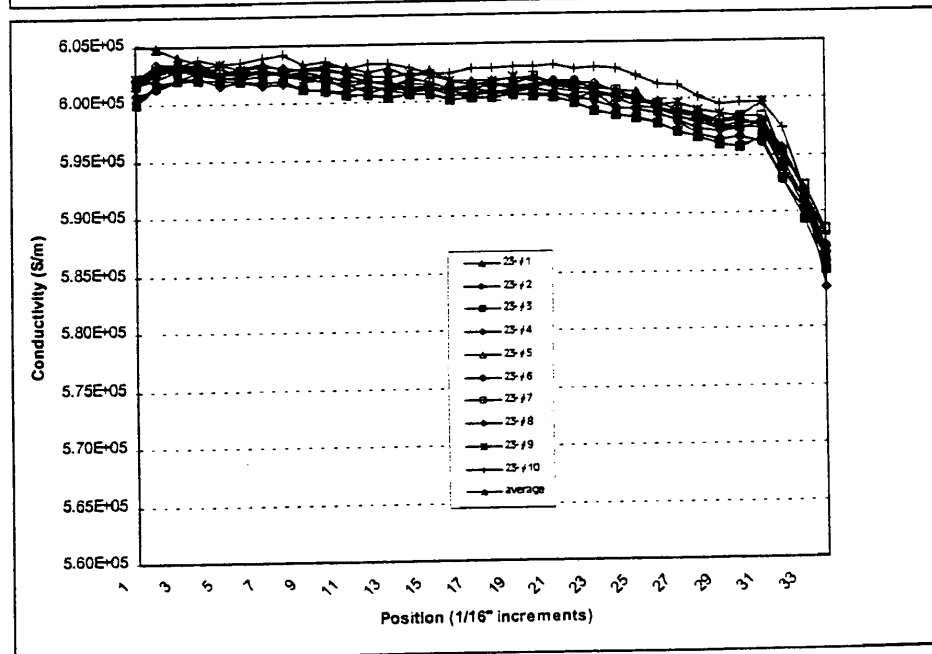


FIG. 42

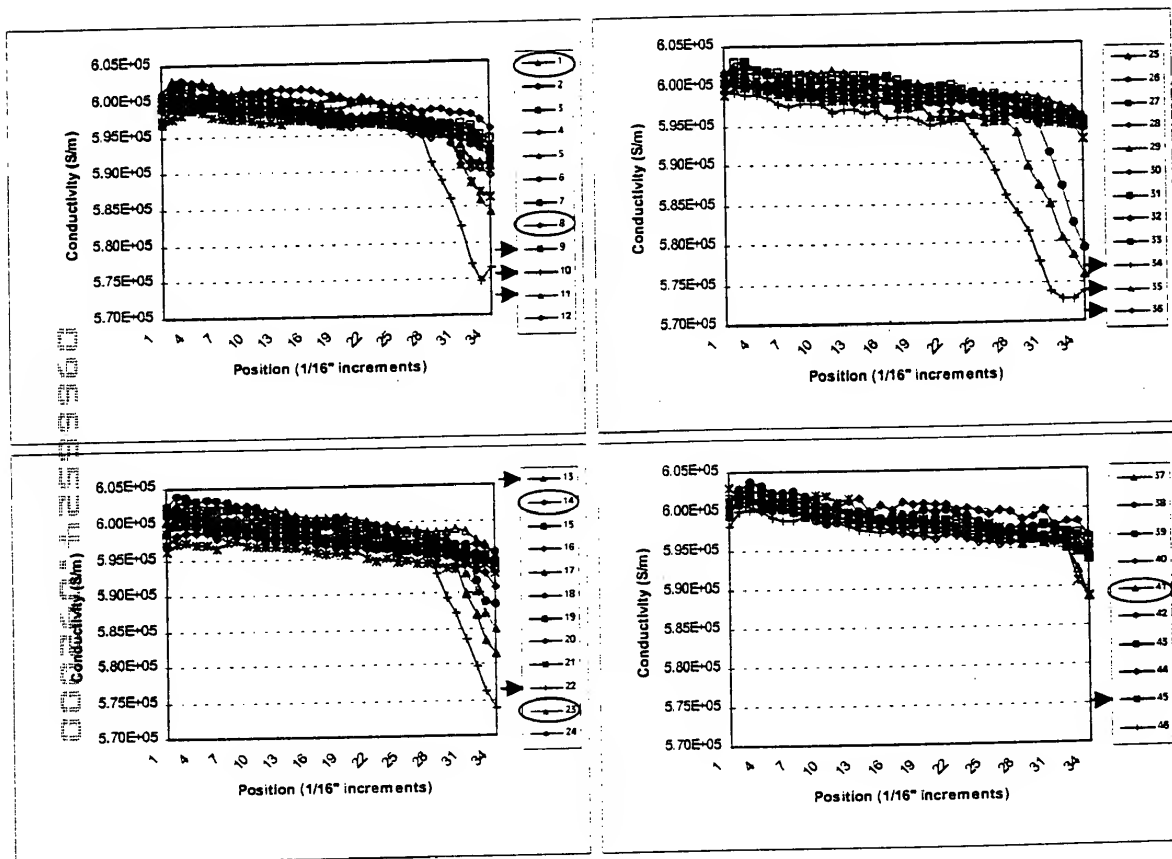


FIG. 43

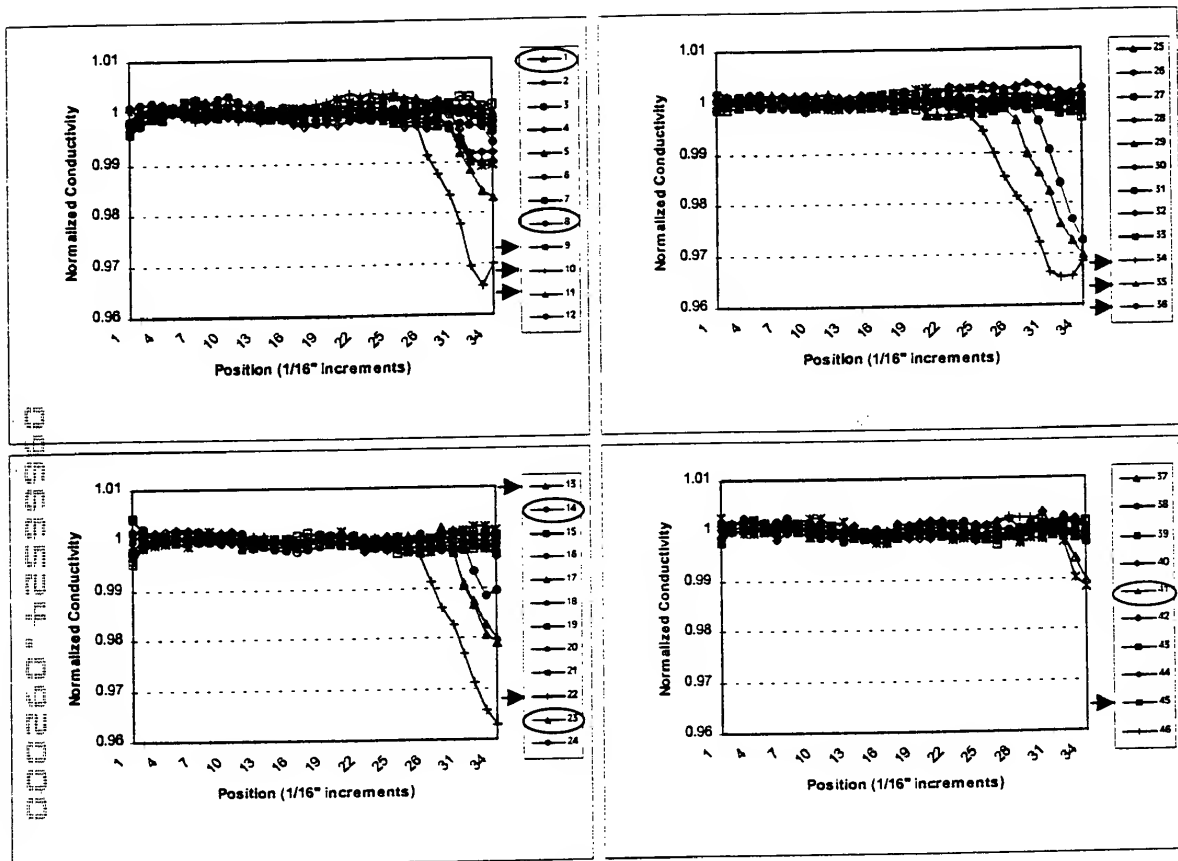


FIG. 44

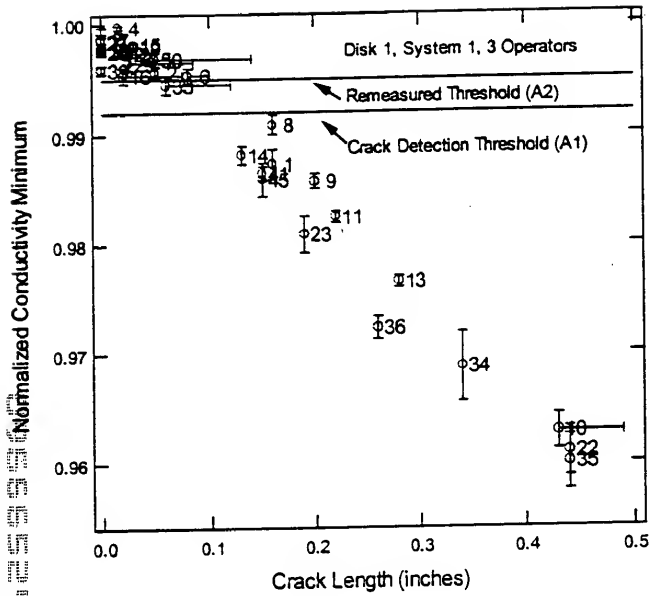


FIG. 45(a)

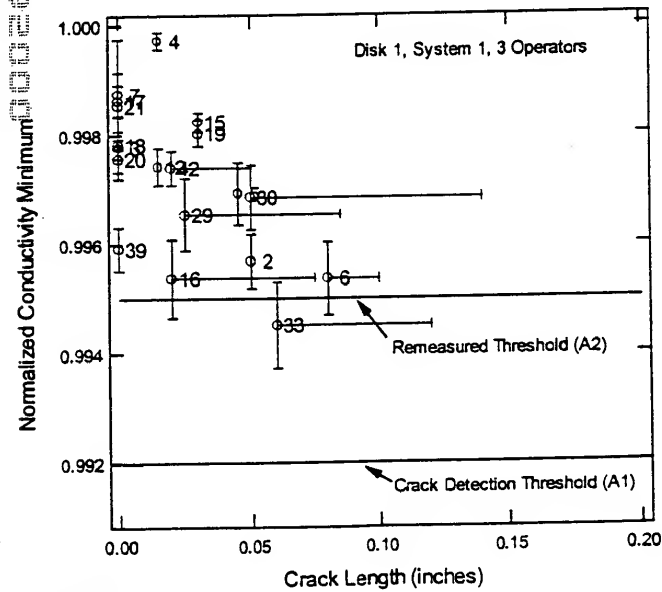
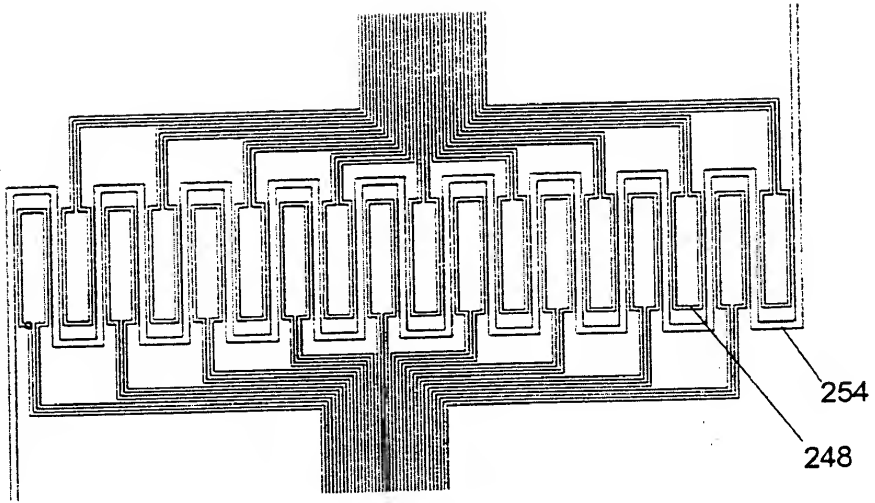


FIG. 45(b)

000260* 4259560

FIG. 46



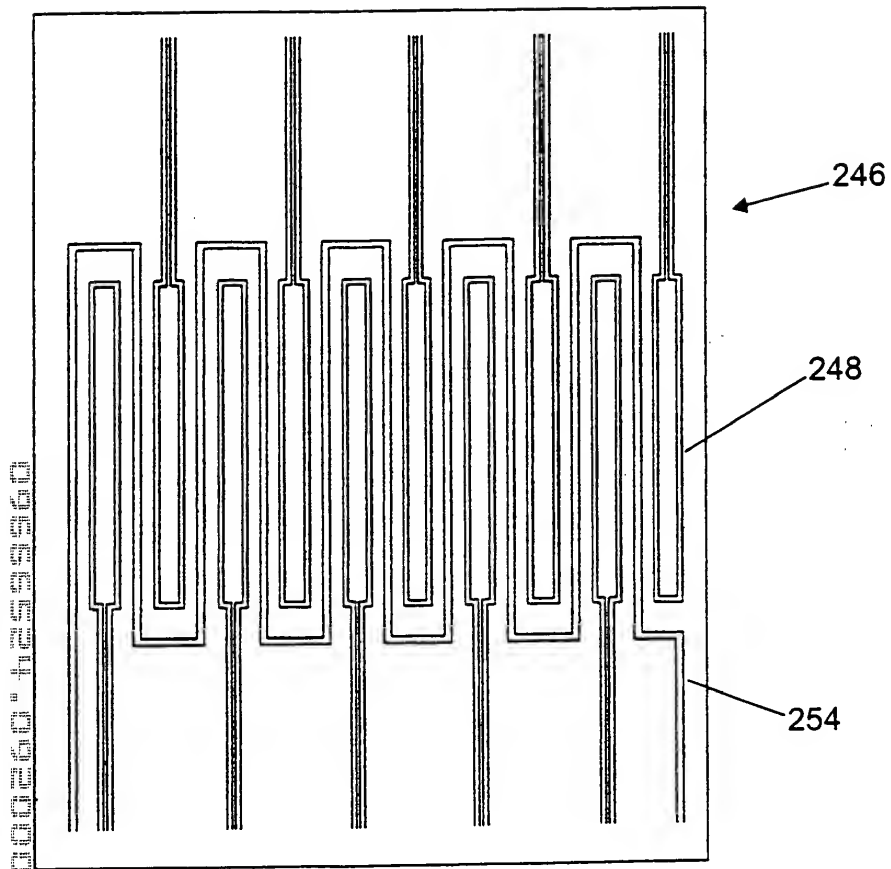


FIG. 47

MWM Monitoring of Weld Quality in GTAW Ti-2 Welds at 400 kHz

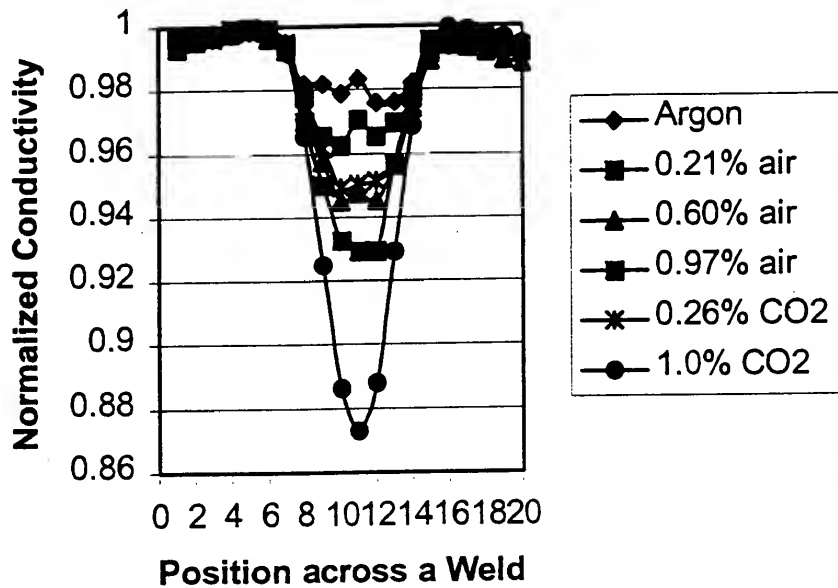


FIG. 48

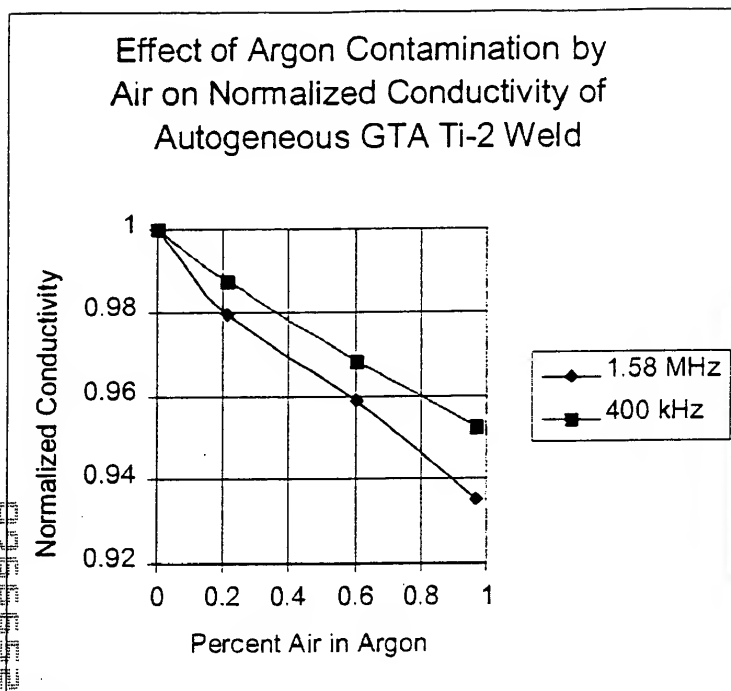


FIG. 49

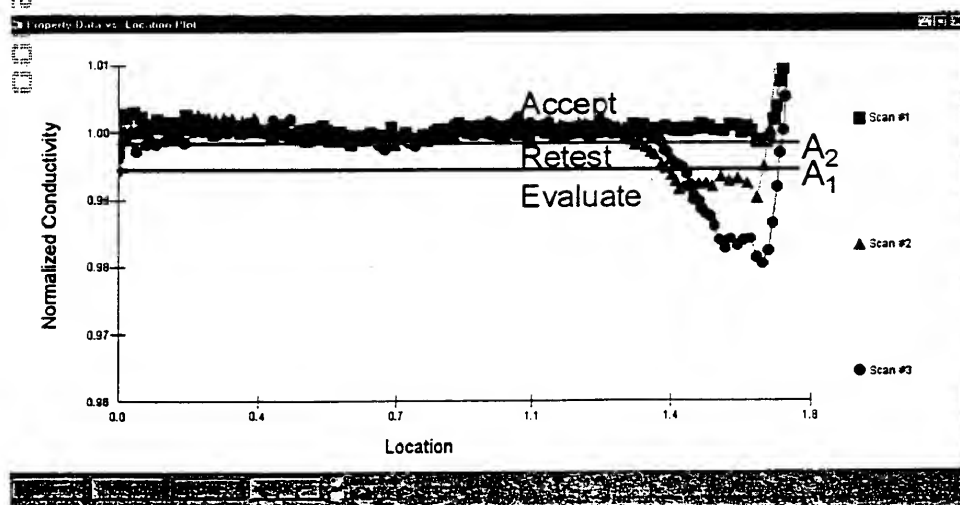


FIG. 50

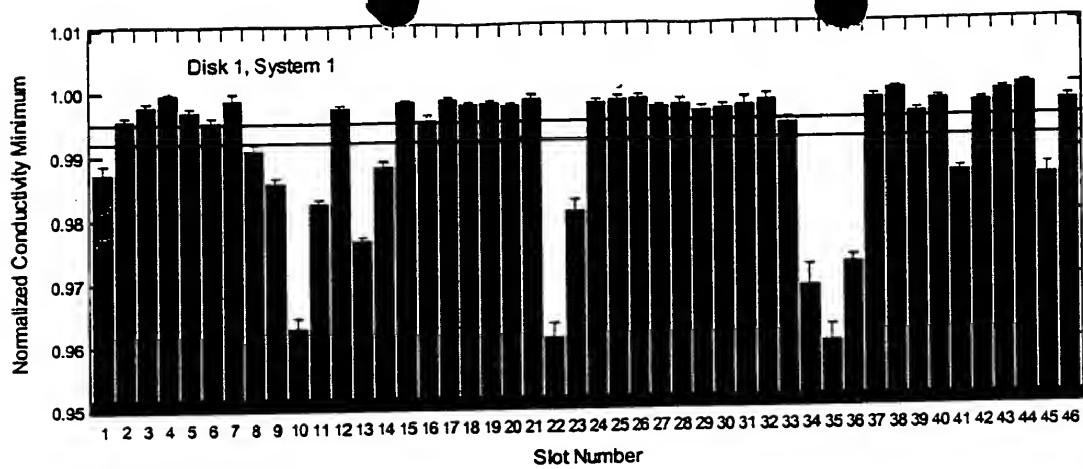


FIG. 51

000260" 42599960

000260-12533560

Effectiv Relativ Permeability vs. Locati n

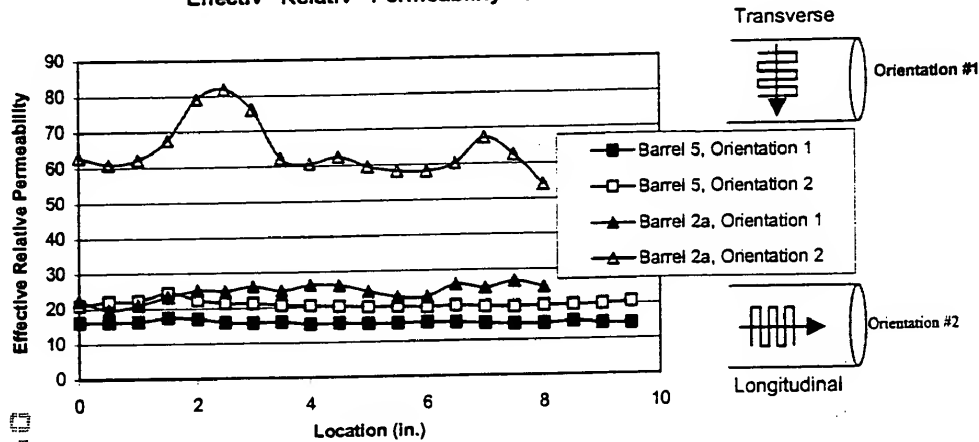


FIG 52.

Effect of Overheating on Directional Permeability of 25mm Gun Barrel Sample 5 and

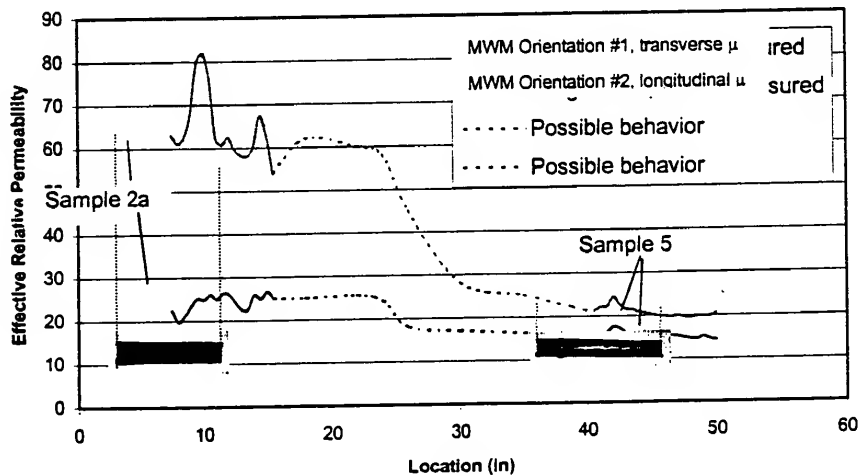
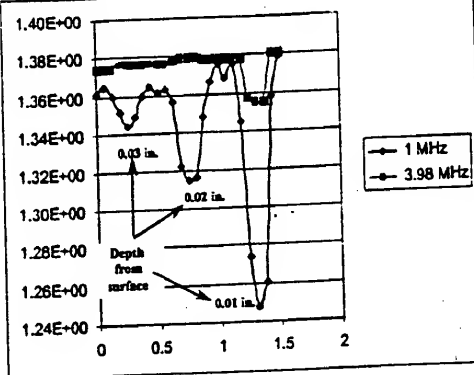


FIG 53.

Depth from surface



Inductivity Ratio

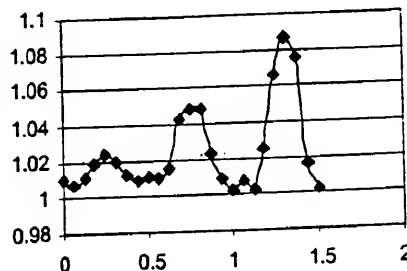


FIG 54.